

Application No.: 09/889,167

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AMENDMENT TO THE CLAIMS

1-5. (Canceled)

6. (Currently amended) An article having a circuit with parts, which are soldered by a lead free solder, and identification information indicating presence of lead in said article when said article contains lead and indicating absence of lead in said article when said article does not contain lead, said identification information carrying information about the type and composition of the solder, kind of soldered parts, and a material of said article, said article having [[an]] a non-contact type IC carrying said identification information.

7. (Canceled)

8. (Currently amended) An electrical appliance comprising an article having a circuit with parts soldered with a lead free solder and a housing accommodating said article, wherein said housing has [[an]] a non-contact type IC carrying identification information indicating presence of lead in said respective article or housing when said respective article or housing contains lead and indicating absence of lead in said respective article or housing when said respective article or housing does not contain lead, said identification information carrying information about the type and composition of the solder, kind of soldered parts, and a material of said article.

9-10. (Canceled)

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11. (Currently amended) A recycling method of wastes containing an electrical appliance comprising an article having a circuit soldered with parts soldered with a lead free solder and a housing accommodating said article wherein said housing has ~~[[an]]~~ a non-contact type IC carrying identification information indicating presence of lead in said respective article or housing when said respective article or housing contains lead and indicating absence of lead in said respective article or housing when said respective article or housing does not contain lead, said identification information carrying information about the type and composition of the solder, kind of soldered parts, and a material of said article, said method comprising:

identifying wastes of lead free electrical appliance from those of various electrical appliances based on said identification information.

12. (Currently amended) A recycling method of wastes of electrical appliance containing an article having a circuit soldered with parts soldered with a lead free solder and a housing accommodating said article wherein said housing has an IC carrying identification information indicating presence of lead in said respective article or housing when said respective article or housing contains lead and indicating absence of lead in said respective article or housing when said respective article or housing does not contain lead, said identification information carrying information about the type and composition of the solder, kind of soldered parts, and a material of said article, said method comprising:

discriminating ~~[[an]]~~ the article having a circuit soldered with lead free parts from ~~[[an]]~~ another article having a circuit soldered with lead containing parts by means of said identification information,

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recovering, grinding and melting each of discriminated articles to separate materials constituting the article,

recycling reusable valuables contained in said materials, and

shredding the rest of the article and burying the same or treating the same at a stabilizing dumping ground or a controlled dumping ground for disposal.

13. (Currently amended) The recycling method of wastes of electrical appliance in accordance with claim 12, further comprising, before said discrimination:

classifying wastes of miscellaneous electrical appliances by the type of electrical appliance,

identifying the presence or absence of lead by means of said identification information to discriminate a lead free electrical appliance from ~~[[a]]~~ the lead containing article, and

disassembling each electrical appliance to remove ~~[[an]]~~ the article having a circuit soldered with parts therefrom.

14-20. (Canceled)

21. (Previously presented) The electrical appliance in accordance with claim 8, wherein identification information includes a labeling carried on said housing.